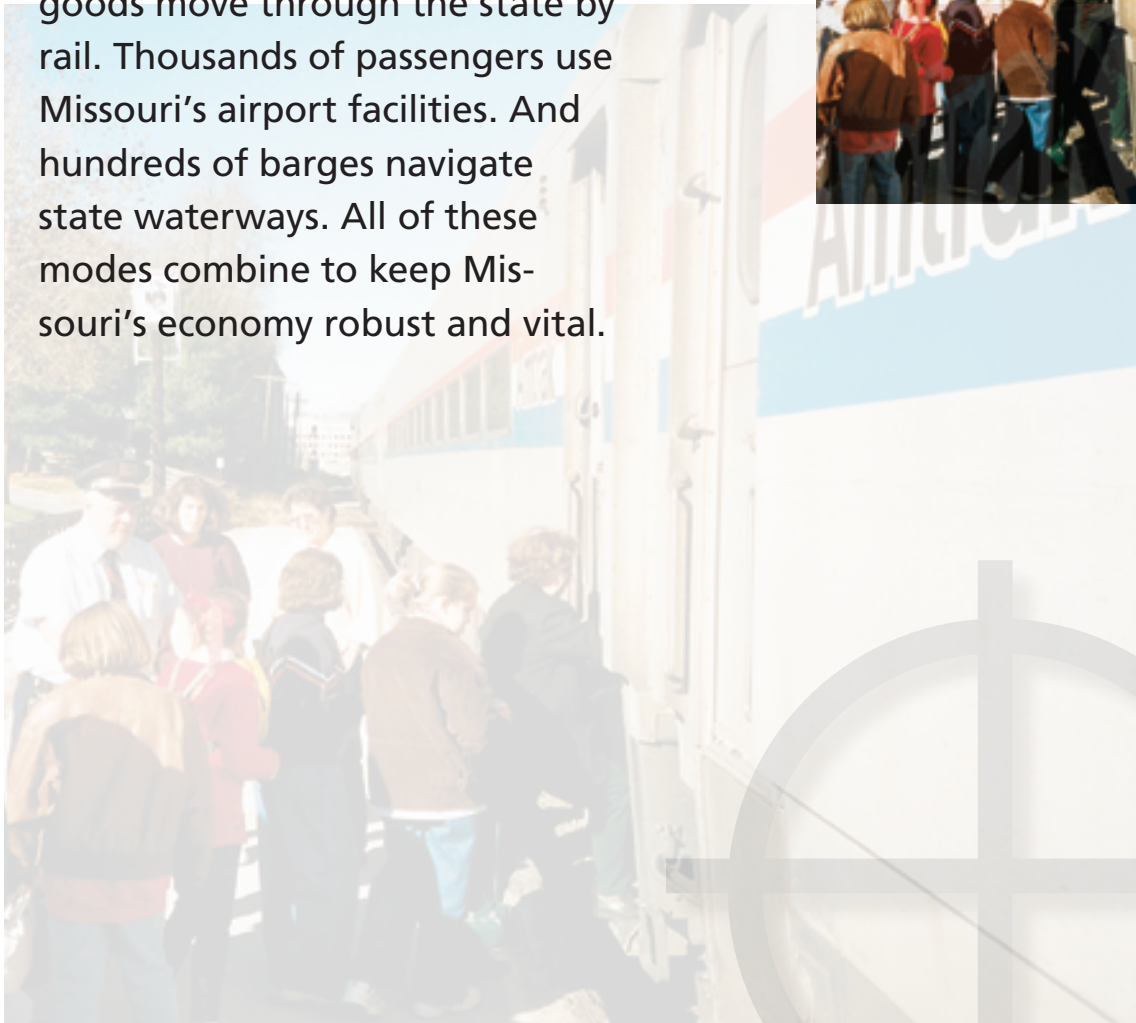# Easily Accessible Modal Choices

Tangible Result Driver – Brian Weiler,
Multimodal Operations Director

MoDOT has an active role in all modes of transportation, including rail, air, water, and transit. Transportation is more than highways and bridges. Every day millions of tons of goods move through the state by rail. Thousands of passengers use Missouri's airport facilities. And hundreds of barges navigate state waterways. All of these modes combine to keep Missouri's economy robust and vital.

Easily Accessible Modal Choices

Number of airline passengers

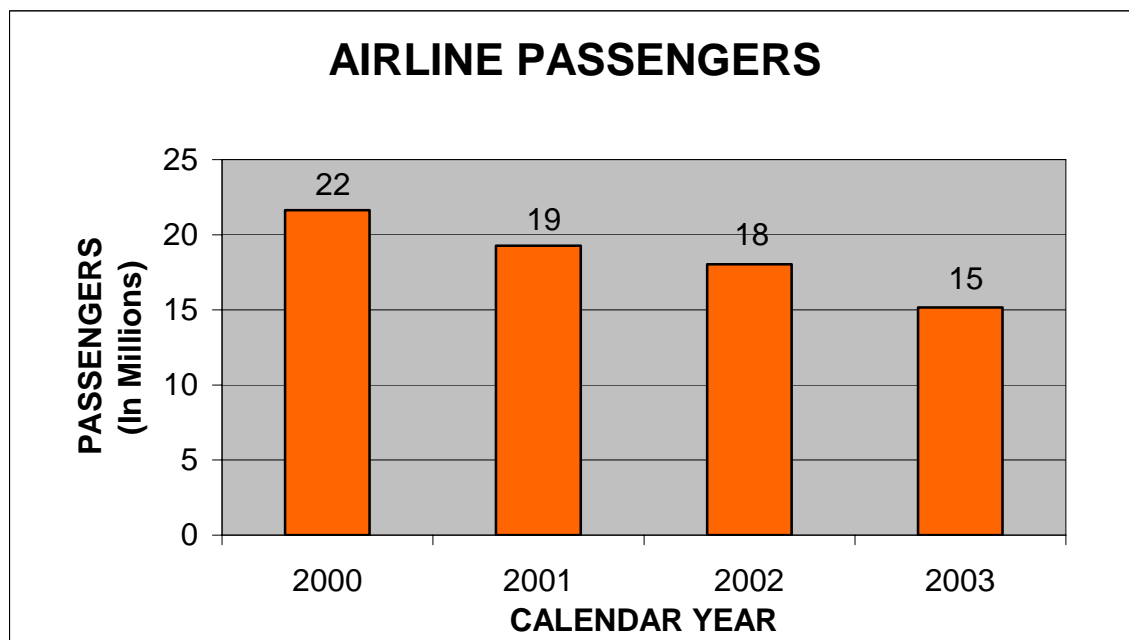**Results Driver:** Brian Weiler, Multimodal Operations Director
Measurement Driver: Joe Pestka, Administrator of Aviation

Purpose of the Measure:
This measure tracks the number of passengers boarding airplanes. It helps the department determine the viability of Missouri's commercial airline industry. This number is also used by the Federal Aviation Administration to help determine airports' capital improvement funding levels.

Measurement and Data Collection:
The data is collected annually from the Federal Aviation Administration (FAA). The annual data provided by the FAA is normally published in October for the preceding year. Airline passengers are considered passengers boarding airplanes.

AIRLINE PASSENGERS

CALENDAR YEAR	PASSENGERS (In Millions)
2000	22
2001	19
2002	18
2003	15

Desired Trend: ↗

Easily Accessible Modal Choices

Number of rail passengers

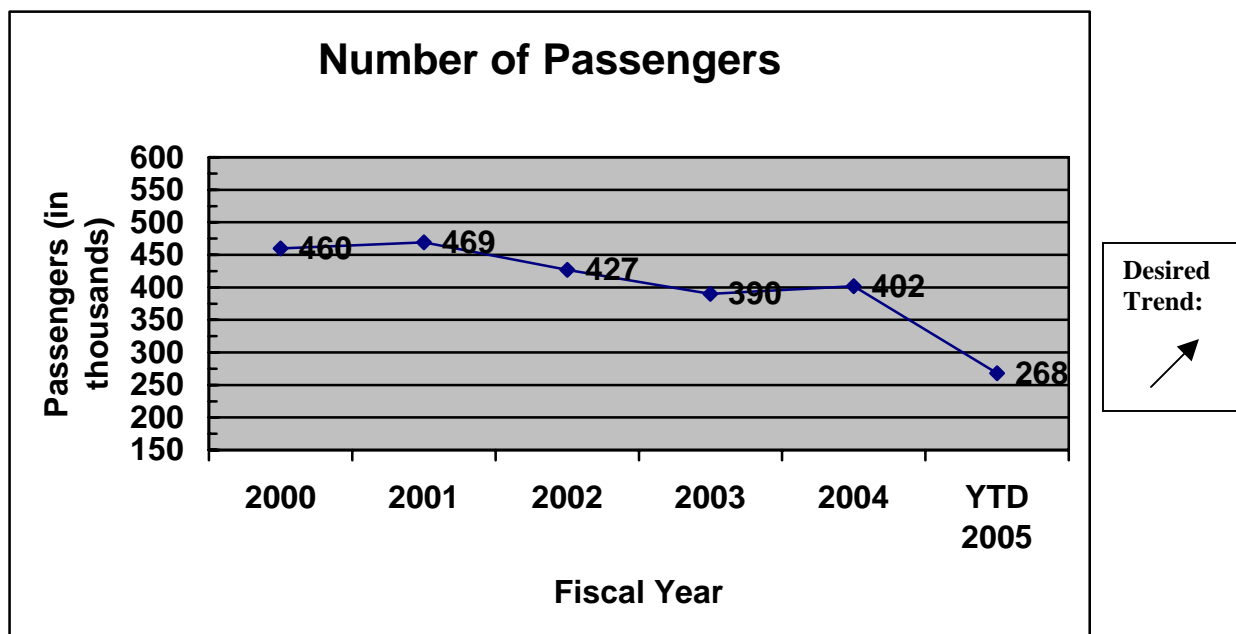**Results Driver:** Brian Weiler, Multimodal Operations Director
Measurement Driver: Rod Massman, Administrator of Railroads

Purpose of the Measure:
This measure tracks the number of people using the Amtrak train service in Missouri. This includes all those getting on or off a train in Missouri at any point within the state. This includes the state supported passenger rail trains between Kansas City and St. Louis and the national trains that run through Kansas City and St. Louis, which are supported by the national Amtrak system, and the St. Louis to Chicago trains, which are supported by the state of Illinois.

Measurement and Data Collection:
Amtrak provides the number of passengers per train in Missouri and an on/off list for comparison purposes on a monthly basis. These numbers are then tabulated by the Multimodal Operations Division, Railroad Section.

Number of Passengers

Passengers (in thousands)

Fiscal Year	Passengers
2000	460
2001	469
2002	427
2003	390
2004	402
YTD 2005	268

Desired Trend: ↗

Easily Accessible Modal Choices

Number of transit passengers

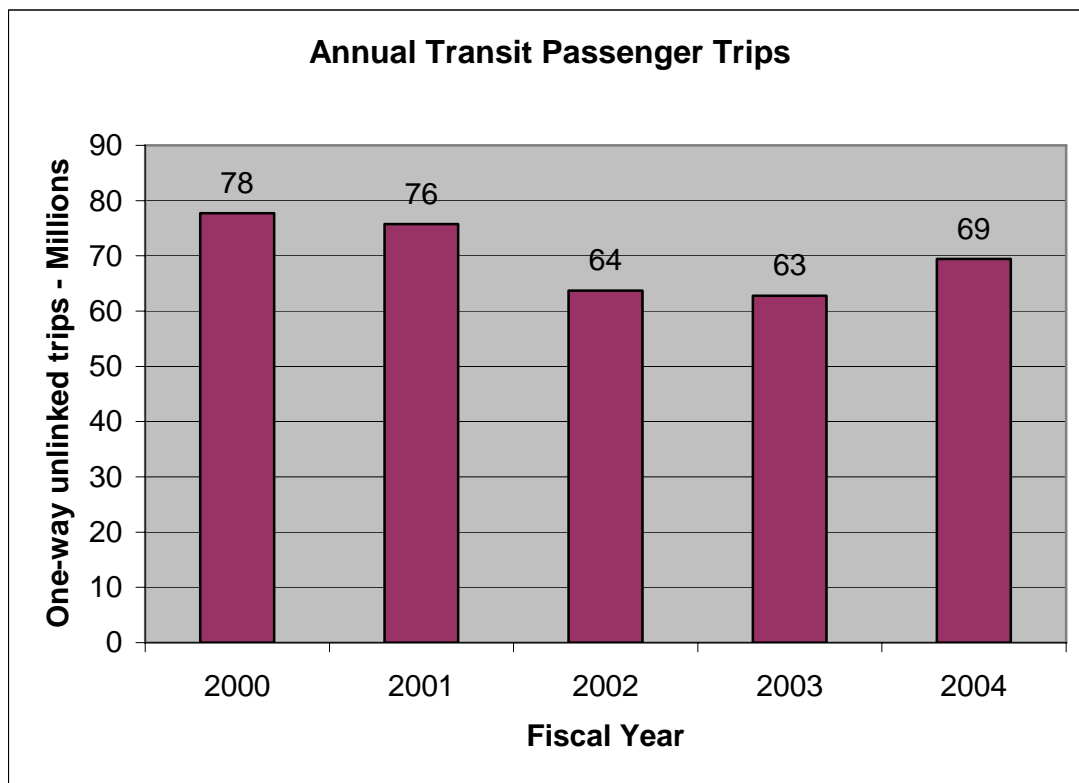**Results Driver:** Brian Weiler, Multimodal Operations Director
Measurement Driver: Steve Billings, Administrator of Transit

Purpose of the Measure:
This measure gauges the use of public transit mobility services in Missouri. It also provides a historical perspective and trend of public transit service use in Missouri.

Measurement and Data Collection:
The total number of transit passengers is measured by the annual total of one-way unlinked transit trips taken by passengers on public transit vehicles. Data is obtained from urban and rural providers of general public transit services.

Annual Transit Passenger Trips

Bar chart. Y-axis: "One-way unlinked trips - Millions" (0 to 90). X-axis: "Fiscal Year".

Fiscal Year	2000	2001	2002	2003	2004
One-way unlinked trips (Millions)	78	76	64	63	69

Desired Trend: ↗

Easily Accessible Modal Choices

Number of passengers and vehicles transported by ferryboat

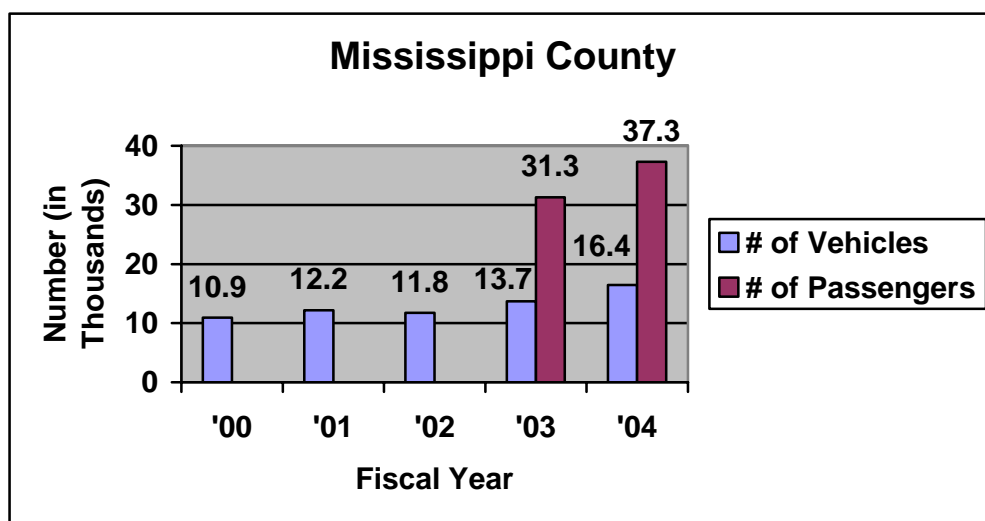**Results Driver:** Brian Weiler, Multimodal Operations Director
Measurement Driver: Sherrie Martin, Waterways Program Manager
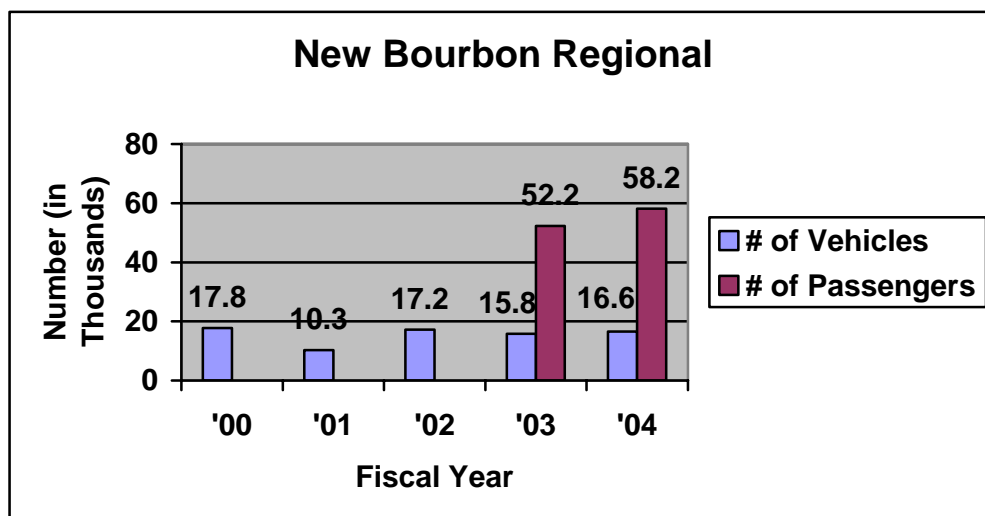
Purpose of the Measure:
This measure tracks the statistics regarding use of ferryboat services.

Measurement and Data Collection:
Missouri's two ferry services submit a monthly report that includes this information and the cost for providing the service and for any service disruption.

Mississippi County

Fiscal Year	# of Vehicles	# of Passengers
'00	10.9	
'01	12.2	
'02	11.8	
'03	13.7	31.3
'04	16.4	37.3

Number (in Thousands)

Desired Trend: ↗

New Bourbon Regional

Fiscal Year	# of Vehicles	# of Passengers
'00	17.8	
'01	10.3	
'02	17.2	
'03	15.8	52.2
'04	16.6	58.2

Number (in Thousands)

Desired Trend: ↗

Number of days the river is navigable

Results Driver: Brian Weiler, Multimodal Operations Director
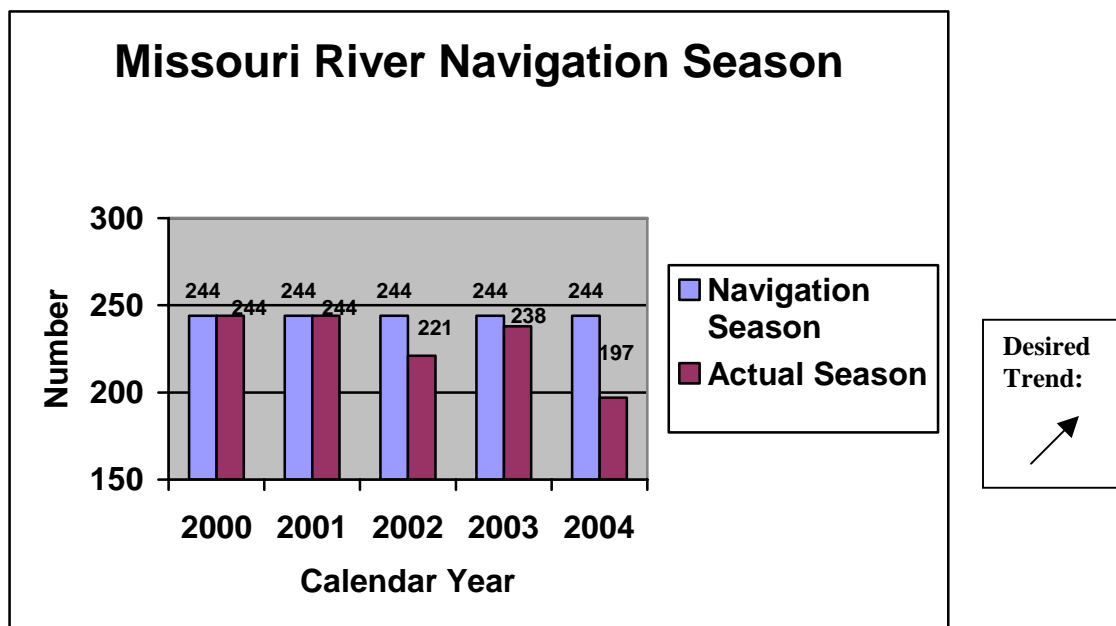**Measurement Driver:** Sherrie Martin, Waterways Program Manager

Purpose of the Measure:
This measure provides historical data regarding the use of the inland waterways navigation system.

Measurement and Data Collection:
The U.S. Army Corps of Engineers publishes an Annual Operating Plan for the Missouri River and bases the end of navigation season on pool storage levels as of July 1 each year.

Missouri River Navigation Season

Calendar Year	Navigation Season	Actual Season
2000	244	244
2001	244	244
2002	244	221
2003	244	238
2004	244	197

Desired Trend: ↗

Easily Accessible Modal Choices

Number of business capable airports

Results Driver: Brian Weiler, Multimodal Operations Director
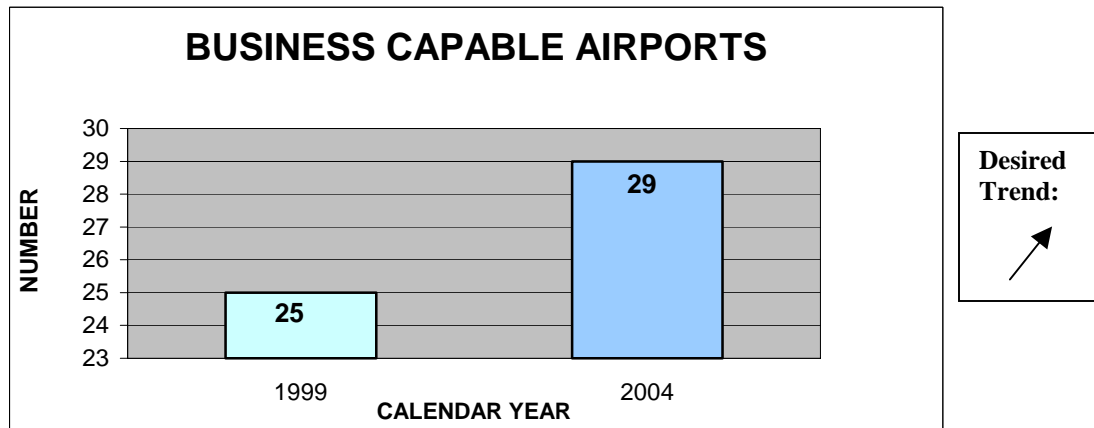**Measurement Driver:** Joe Pestka, Administrator of Aviation

Purpose of the Measure:
This measure tracks the number of airports that are capable of handling business aircraft. Local communities and economic development agencies can use airports to assist in increasing a community's economic viability for business retention and development.

Measurement and Data Collection:
Data is collected by monitoring airports' development and is collected annually but shown in five-year increments.

BUSINESS CAPABLE AIRPORTS

	Desired Trend: ↗

NUMBER

30
29
28
27
26
25
24
23

25 (1999)

29 (2004)

CALENDAR YEAR

Easily Accessible Modal Choices

Number of daily scheduled airline flights

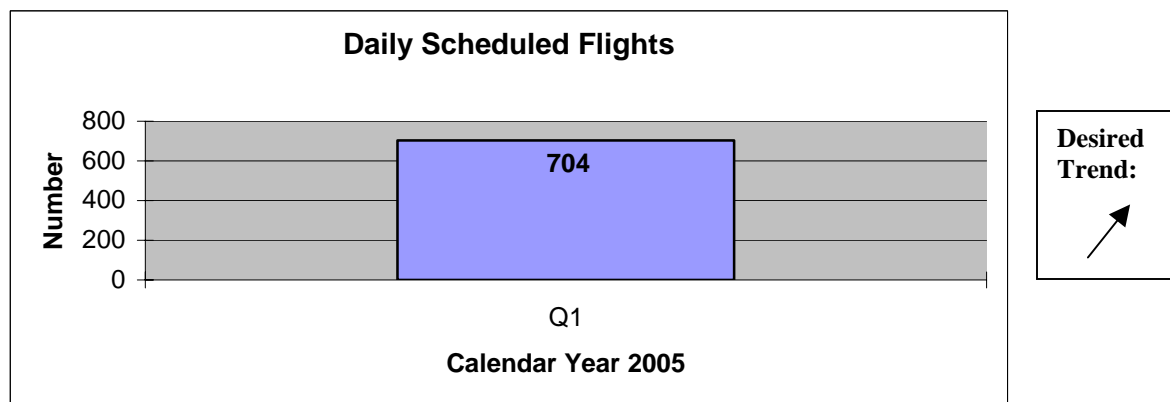**Results Driver:** Brian Weiler, Multimodal Operations Director
Measurement Driver: Joe Pestka, Administrator of Aviation

Purpose of the Measure:
This measure tracks the number of airline flights. This data will assist in determining options available to the traveling public. It will provide an indication of the airlines industry's economic stability in Missouri.

Measurement and Data Collection:
A scheduled airline flight is a takeoff or landing by a scheduled commercial air carrier. Data is being collected from seven (7) airports within the state that presently accommodate scheduled airline flights. These airports are: St. Louis Lambert International, Kansas City International, Springfield-Branson, Joplin, Columbia, Waynesville and Cape Girardeau.

Daily Scheduled Flights

Number	Q1
800	
600	704
400	
200	
0	

Calendar Year 2005

Desired Trend: ↗

Easily Accessible Modal Choices

Average days per week rural transit service is available

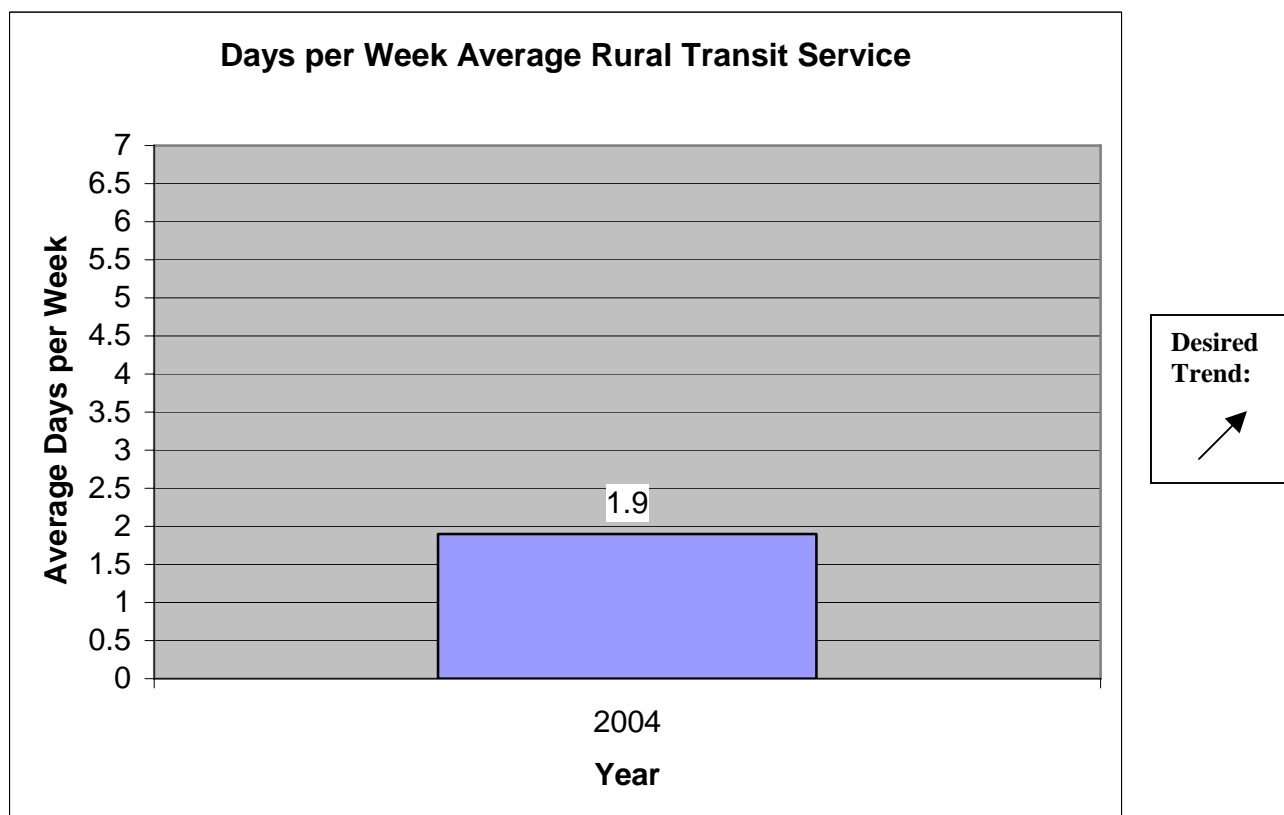**Results Driver:** Brian Weiler, Multimodal Operations Director
Measurement Driver: Steve Billings, Administrator of Transit

Purpose of the Measure:
This measure identifies the average existing public transit service in rural Missouri by indicating the availability of rural mobility services for employment, medical appointments and necessary shopping.

Measurement and Data Collection:
Reviewing published transit service schedules in each rural Missouri county and averaging those daily frequencies within a week's schedule for available countywide transit service calculates the average days per week that rural transit service is available. Rural transit agencies operate on an annual budget and customarily make transit service changes with the start of a new budget. This measure will be updated annually with the next report available in the January 2006 Tracker.

Days per Week Average Rural Transit Service

Desired Trend: ↗

Easily Accessible Modal Choices

Number of active transit vehicles

Results Driver: Brian Weiler, Multimodal Operations Director
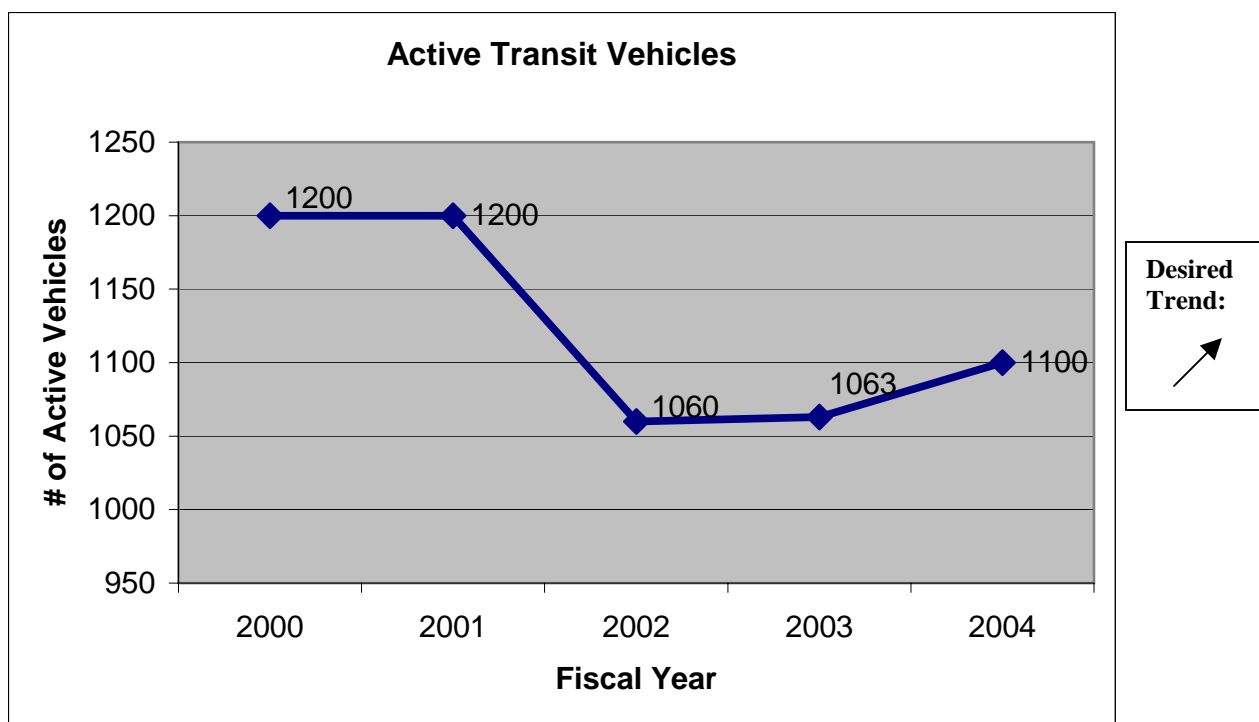**Measurement Driver:** Steve Billings, Administrator of Transit

Purpose of the Measure:
This measure tracks the number of active transit vehicles in passenger service. This data indicates the collective potential capacity for Missouri's transit agencies to deliver mobility services.

Measurement and Data Collection:
The data represents the number of transit vehicles dedicated to urban and rural public transit services and those federally funded vehicles used by specialized transit services.

Active Transit Vehicles

Fiscal Year	# of Active Vehicles
2000	1200
2001	1200
2002	1060
2003	1063
2004	1100

Desired Trend: ↗

Easily Accessible Modal Choices

Number of inter-city bus stops

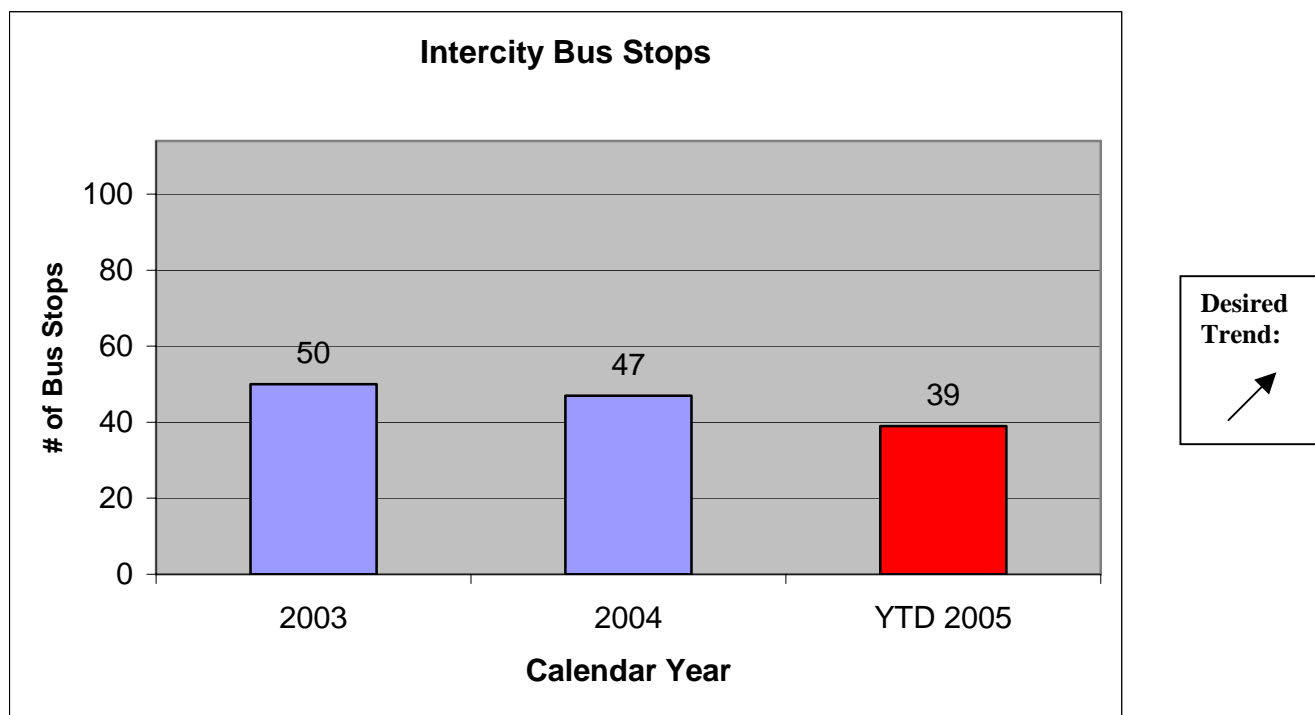**Results Driver:** Brian Weiler, Multimodal Operations Director
Measurement Driver: Steve Billings, Administrator of Transit

Purpose of the Measure:
This measure tracks the number of inter-city bus stops. Inter-city bus stops represent access points to inter-city bus services provided by Greyhound, Jefferson Lines and Trailways. More stops among Missouri's 114 counties means greater access. Fewer stops create a barrier by necessitating greater traveling distances in order to board an inter-city bus.

Measurement and Data Collection:
Data on the number and location of inter-city bus stops is obtained annually from the national and regional inter-city bus carriers.

*Note full calendar years are displayed in blue and YTD is displayed in red.

Easily Accessible Modal Choices

Percent of customers satisfied with transportation options

Results Driver: Brian Weiler, Mulitmodal Operations Director
Measurement Driver: Mike Shea, Assistant State RDT Engineer

Purpose of the Measure:
This measure will provide information on how the public perceives MoDOT's performance in providing transportation options.

Measurement and Data Collection:
Data will be collected in conjunction with the Missouri Advance Planning initiative. Data collection will begin by June 1, 2005 for reporting in the July 2005 Tracker.

Measure is Under Development